

BEST AVAILABLE COPY

Figure 1

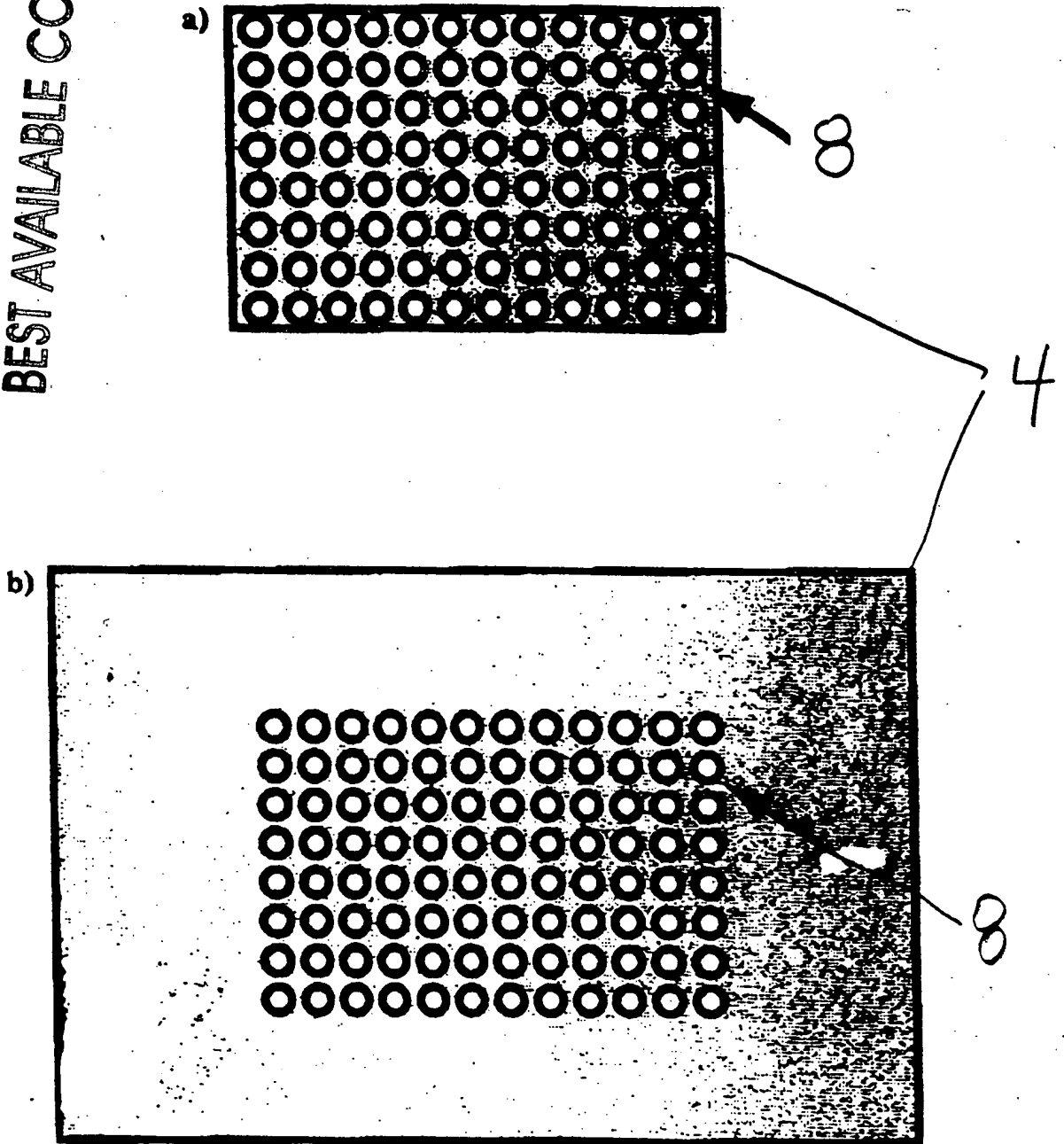
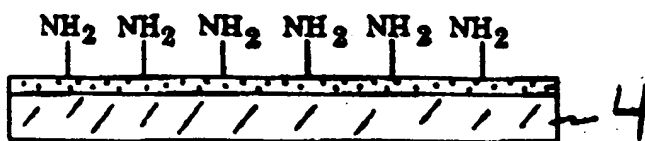


Figure 2

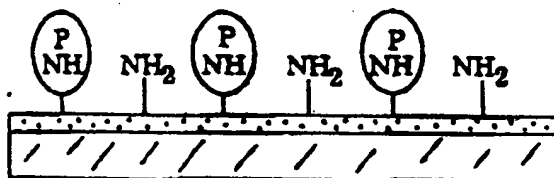
(A)



↓ Add Drops of Protecting Group (P)



↓

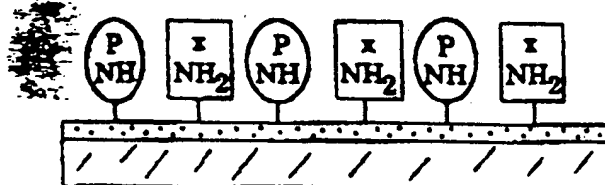


(B)

↓ Wash with Hydrophobic Reactive Group (x)

XXXXXXXXXXXXXXXXXXXX

↓



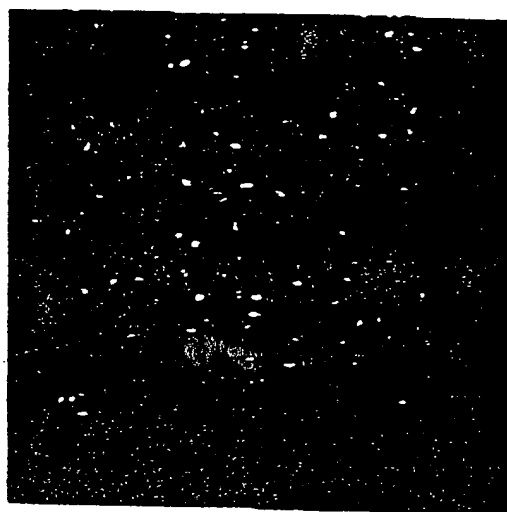
(C)

} 9

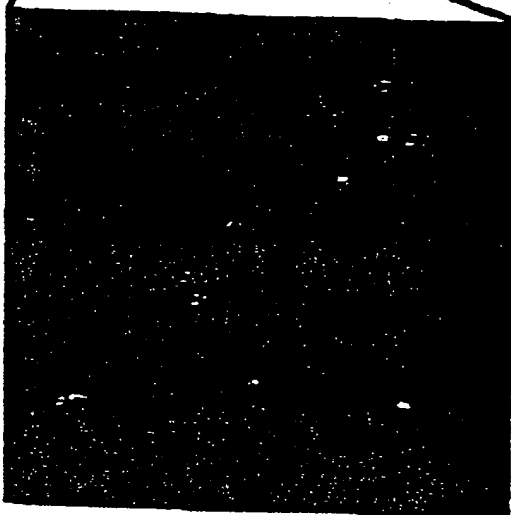
Figure 3A

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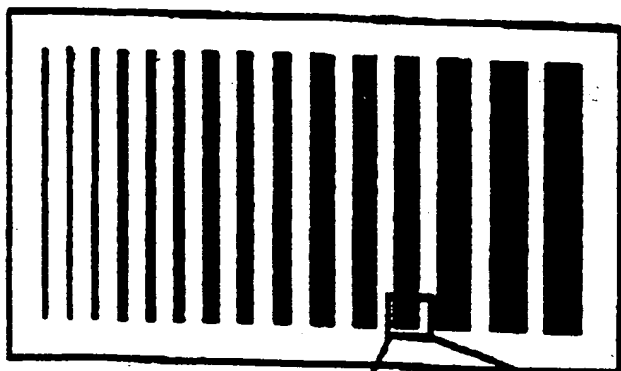
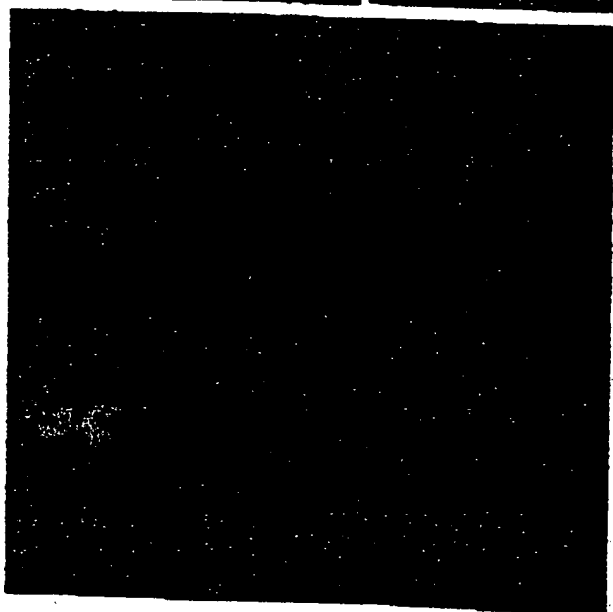
09465673 122199
HOECHST-NUCLEI



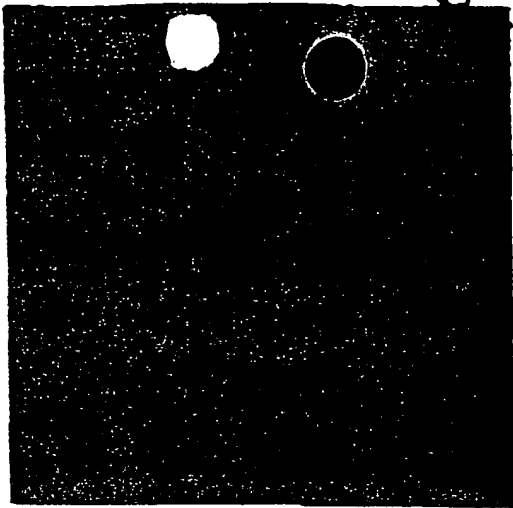
RHODAMINE-ACTIN



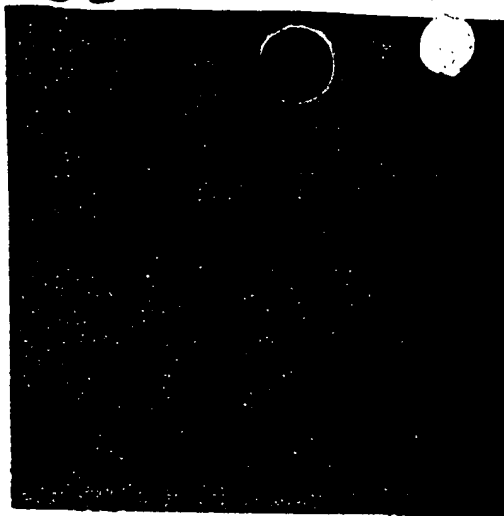
OVERLAY
RED=ACTIN
BLUE=NUCLEI



10



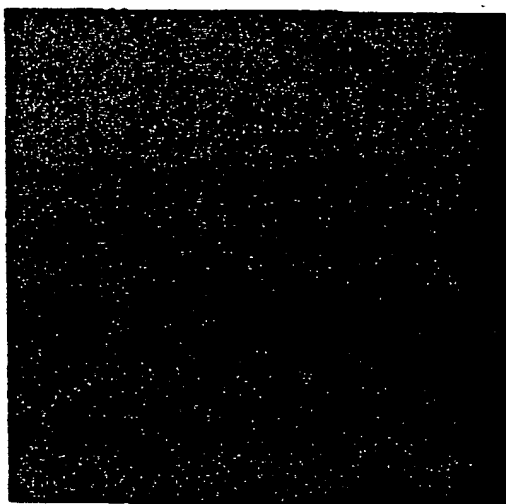
Sodium Fluorescein binding to Cell Chip to identify the location of 200 um spot patterns.



Fluorescent cell attachment of L929 cells to patterned spots (low magnification, 4x)



Fluorescent cell attachment of 3T3 cells to patterned spots. Nuclei (above), Actin in same cells (below) (higher magnification, 20x)



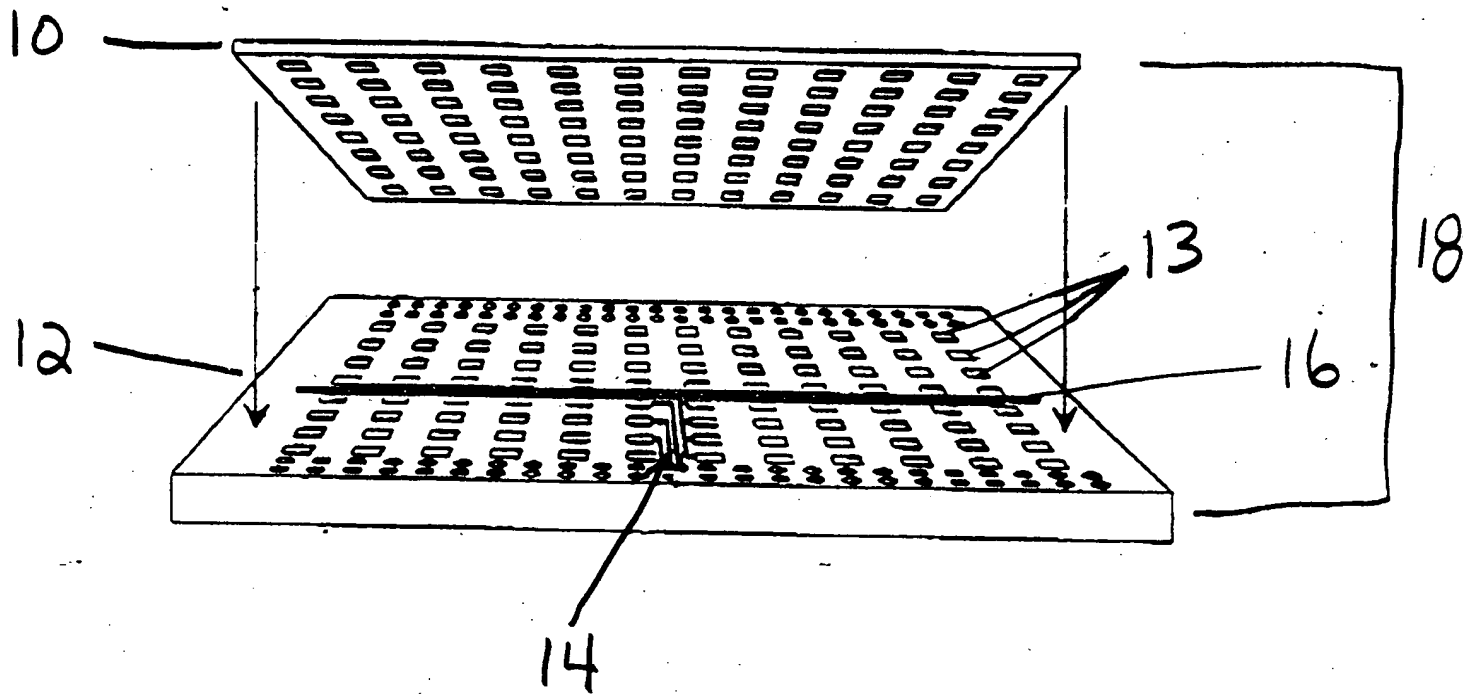
Sodium Fluorescein binding to Cell chip to identify the location of 400 um spots patterns.



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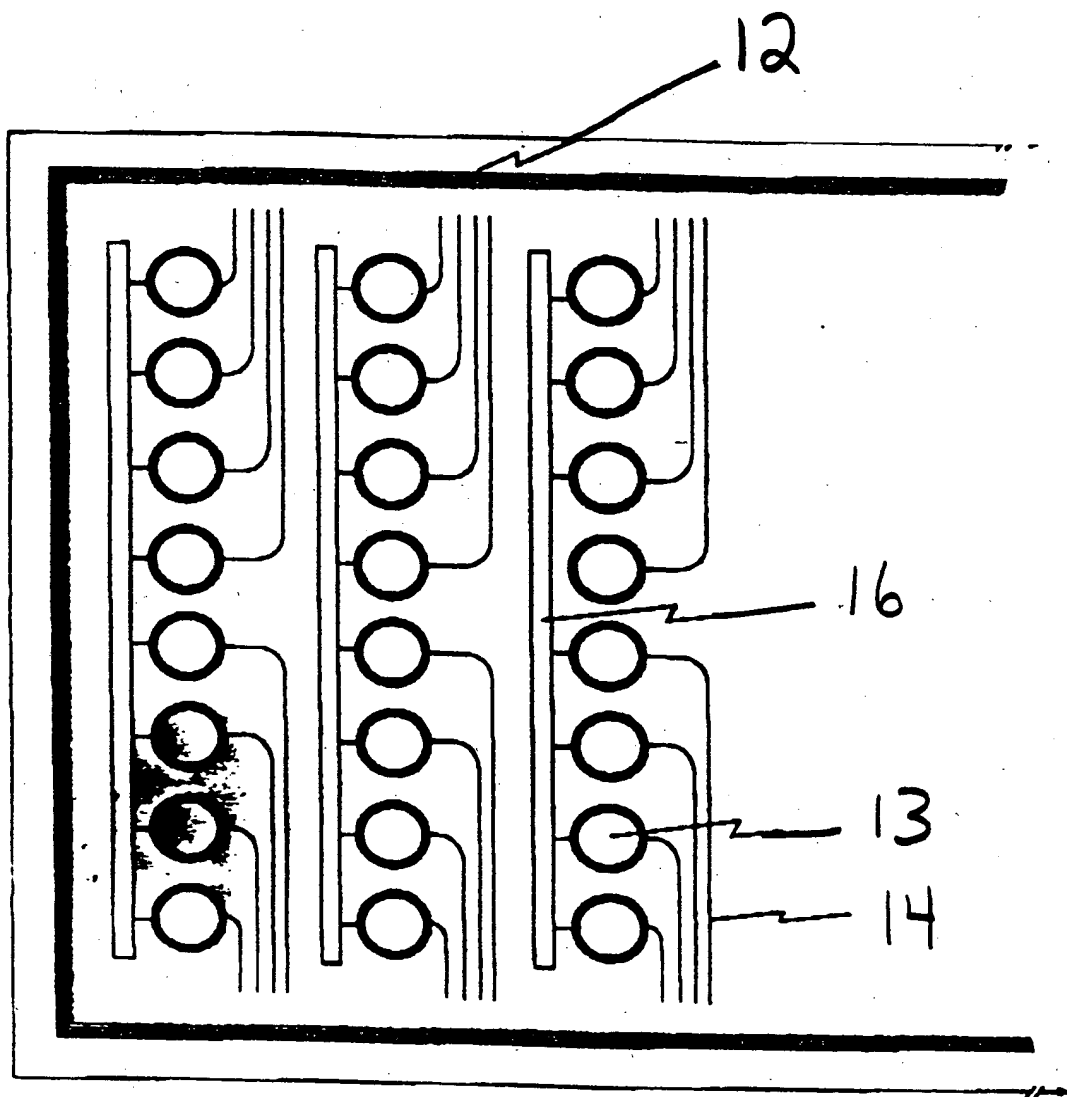
09468673.122199

Figure 4



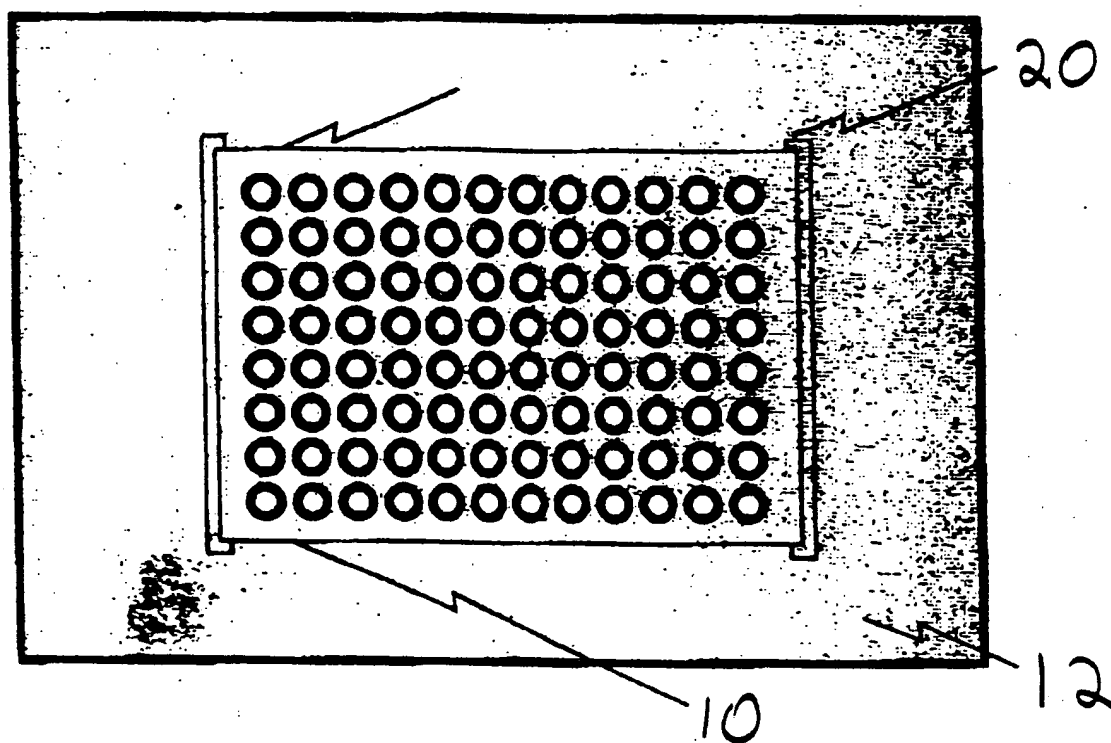
09465673.122199
651221.222460

Figure 5



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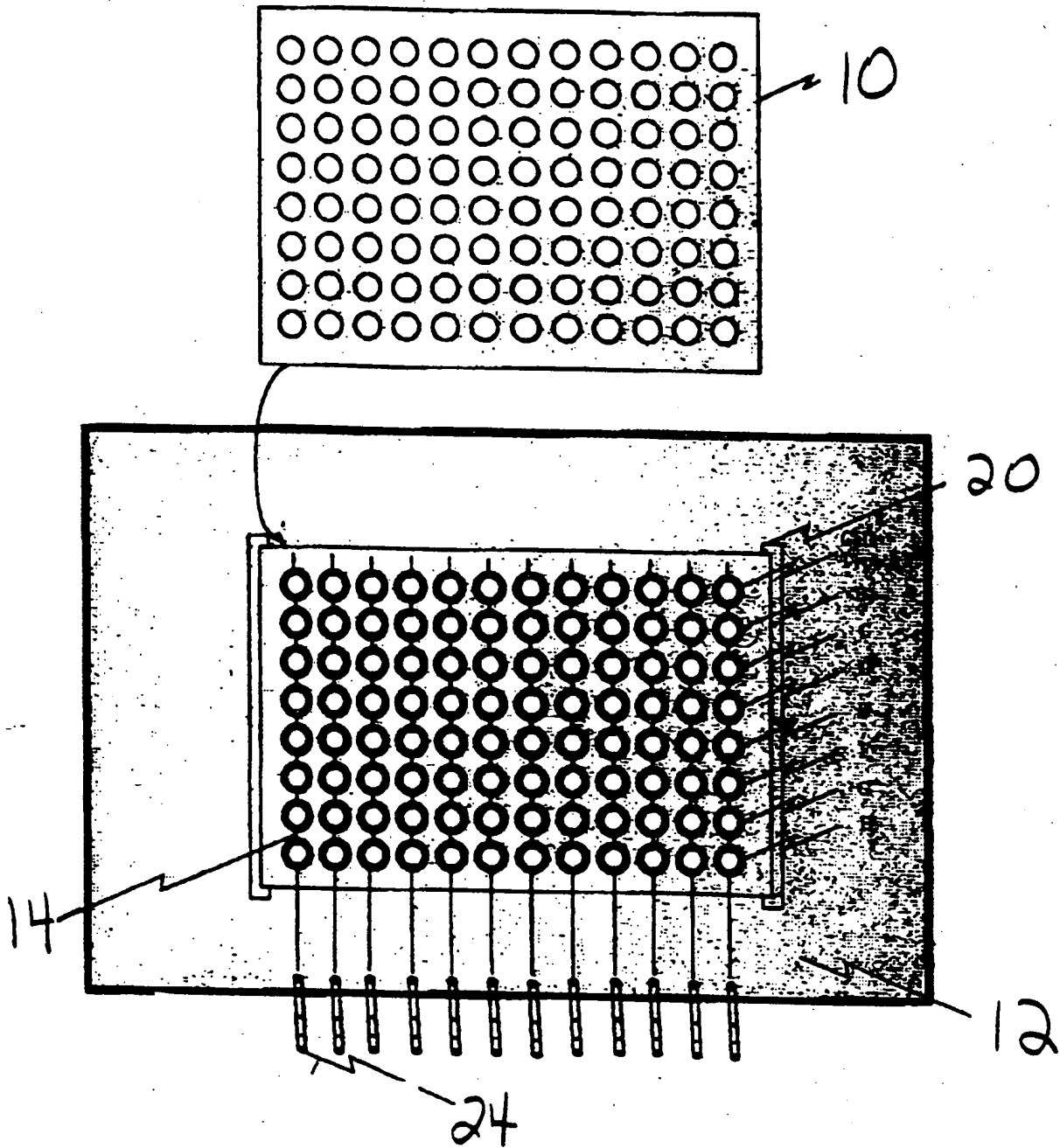
Figure 6



09468673.122199

Figure 7

a)

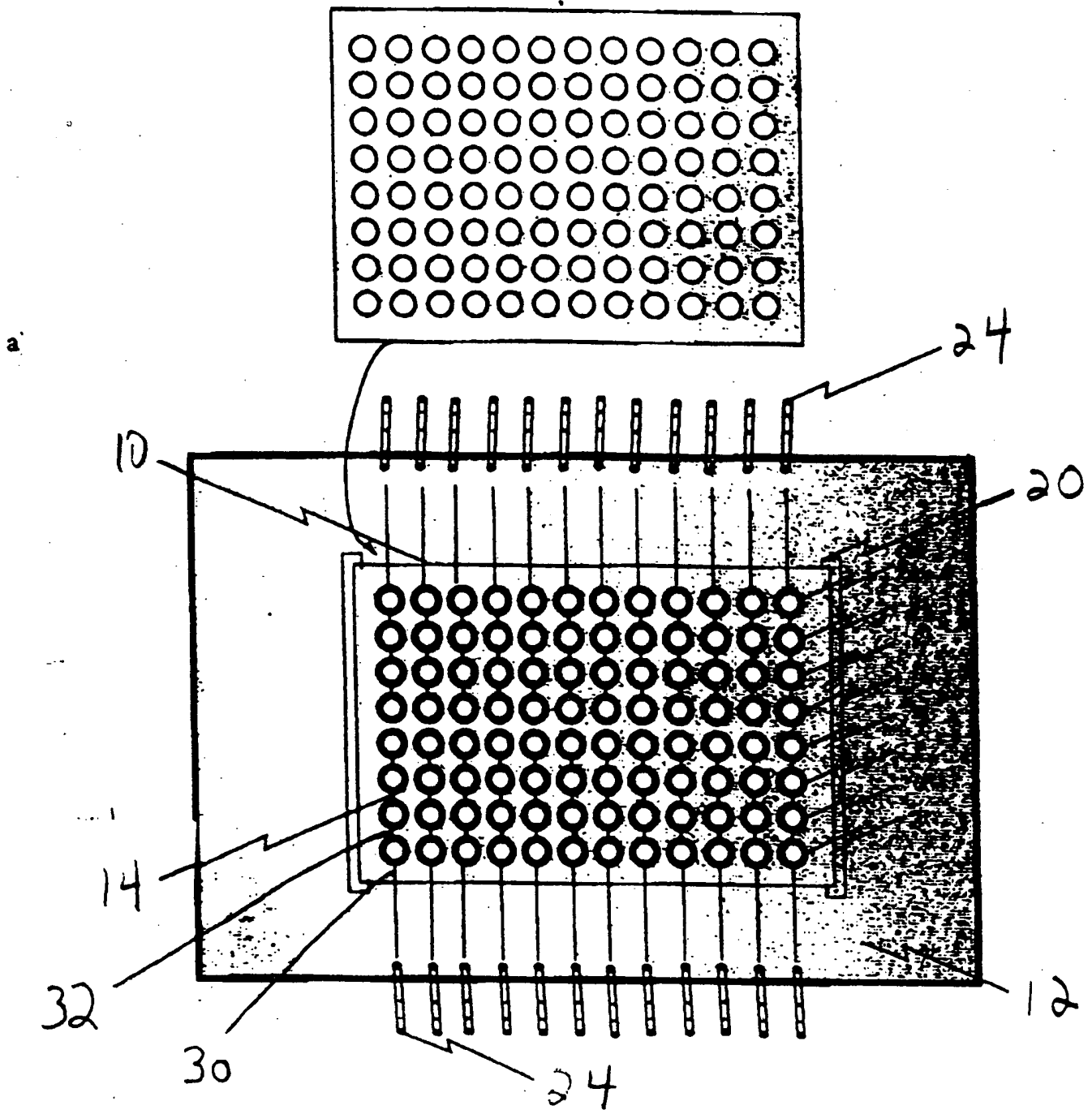


b)



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Figure 8



b)

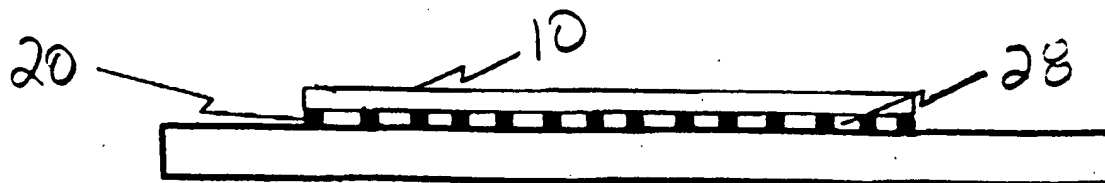
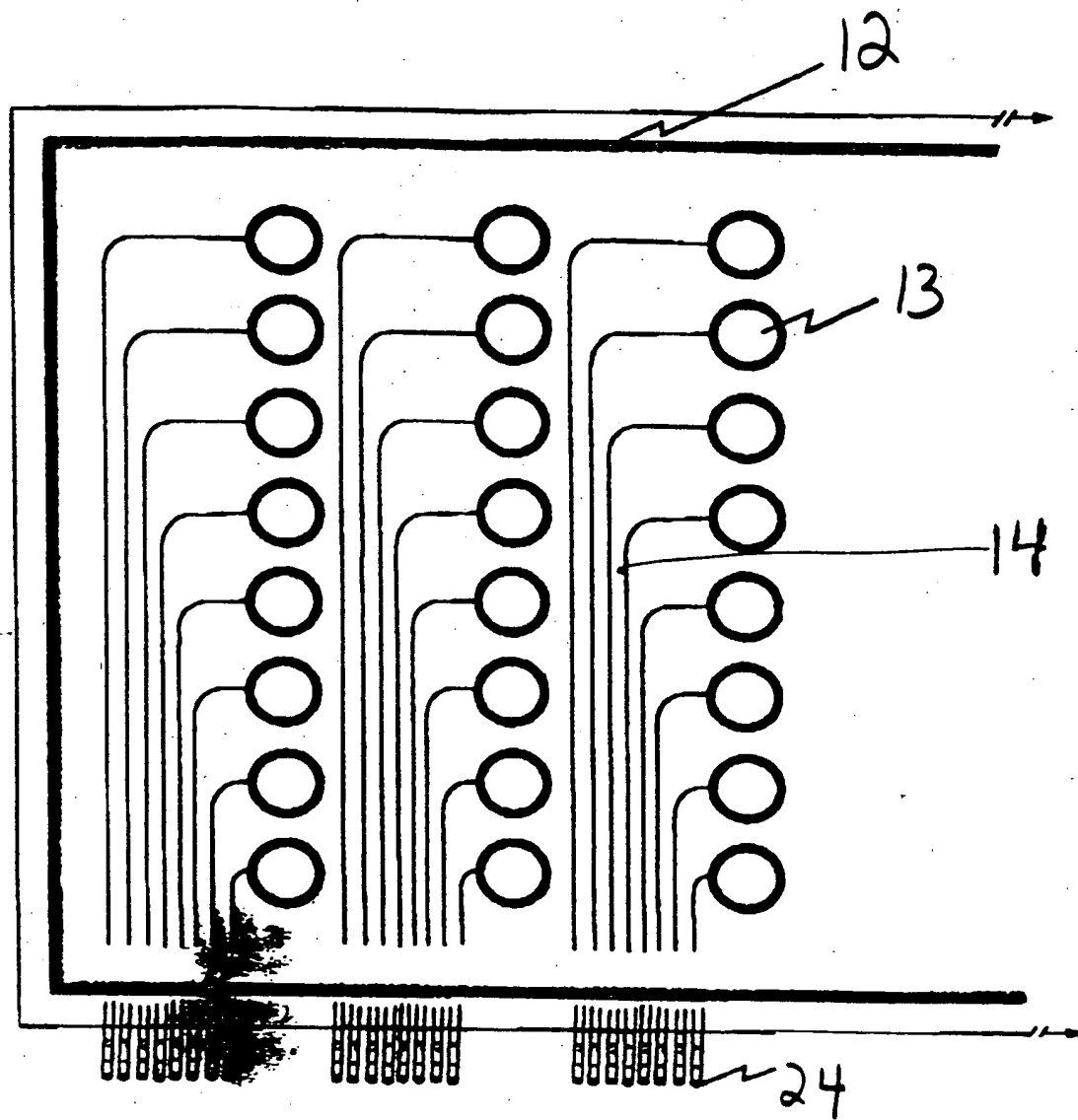


Figure 9



03468673 123159

Figure 10

0346679 12459

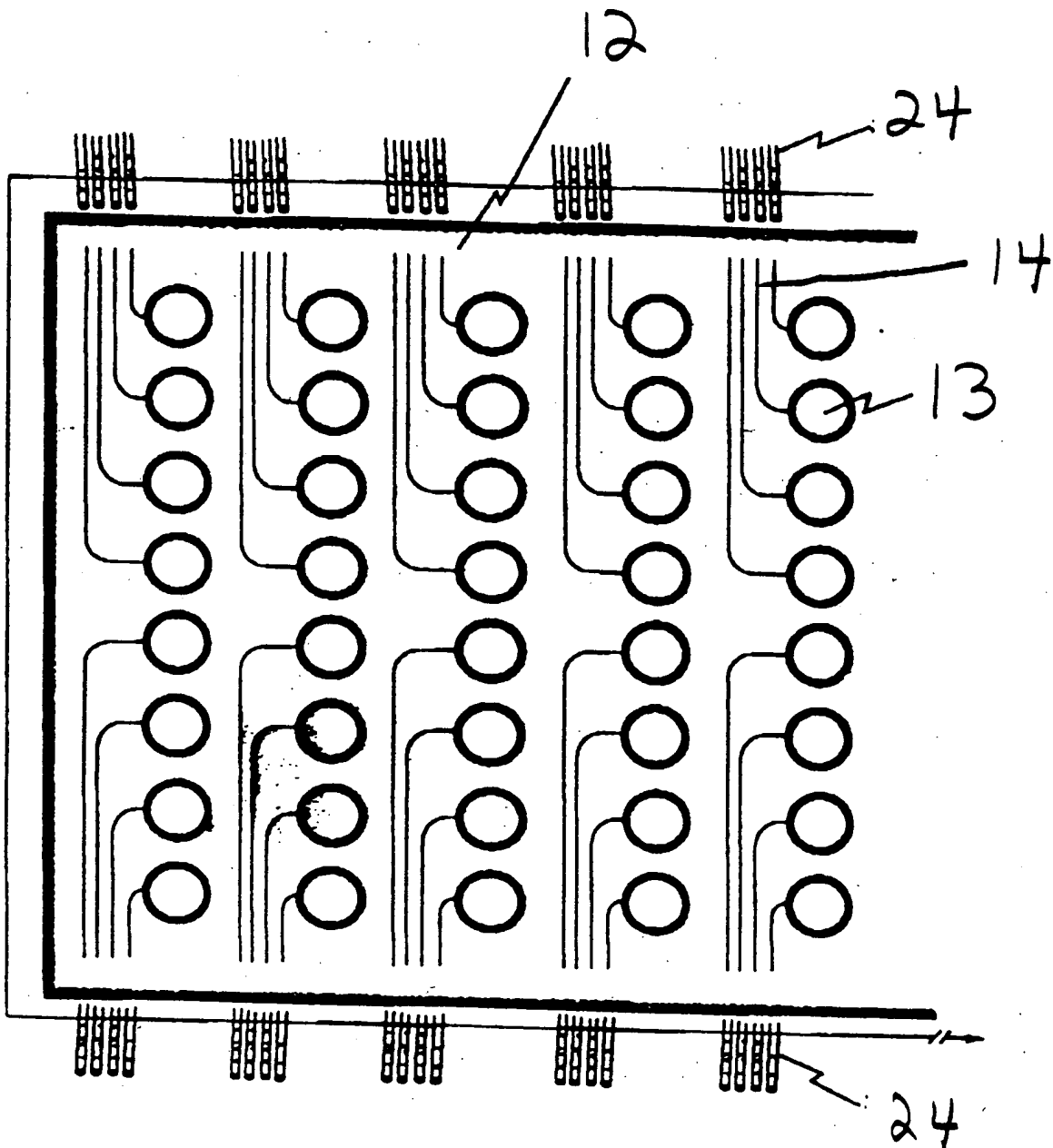
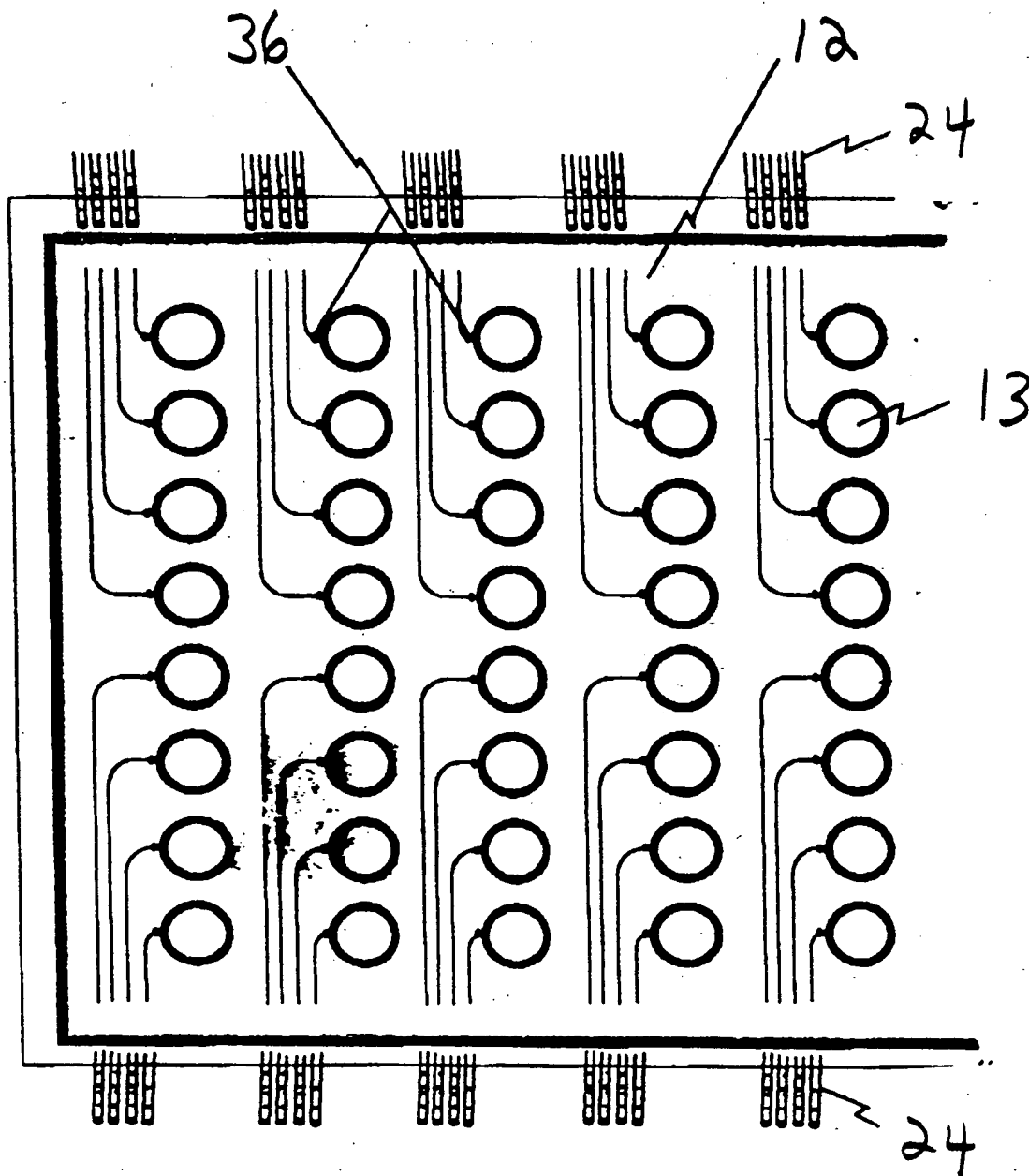
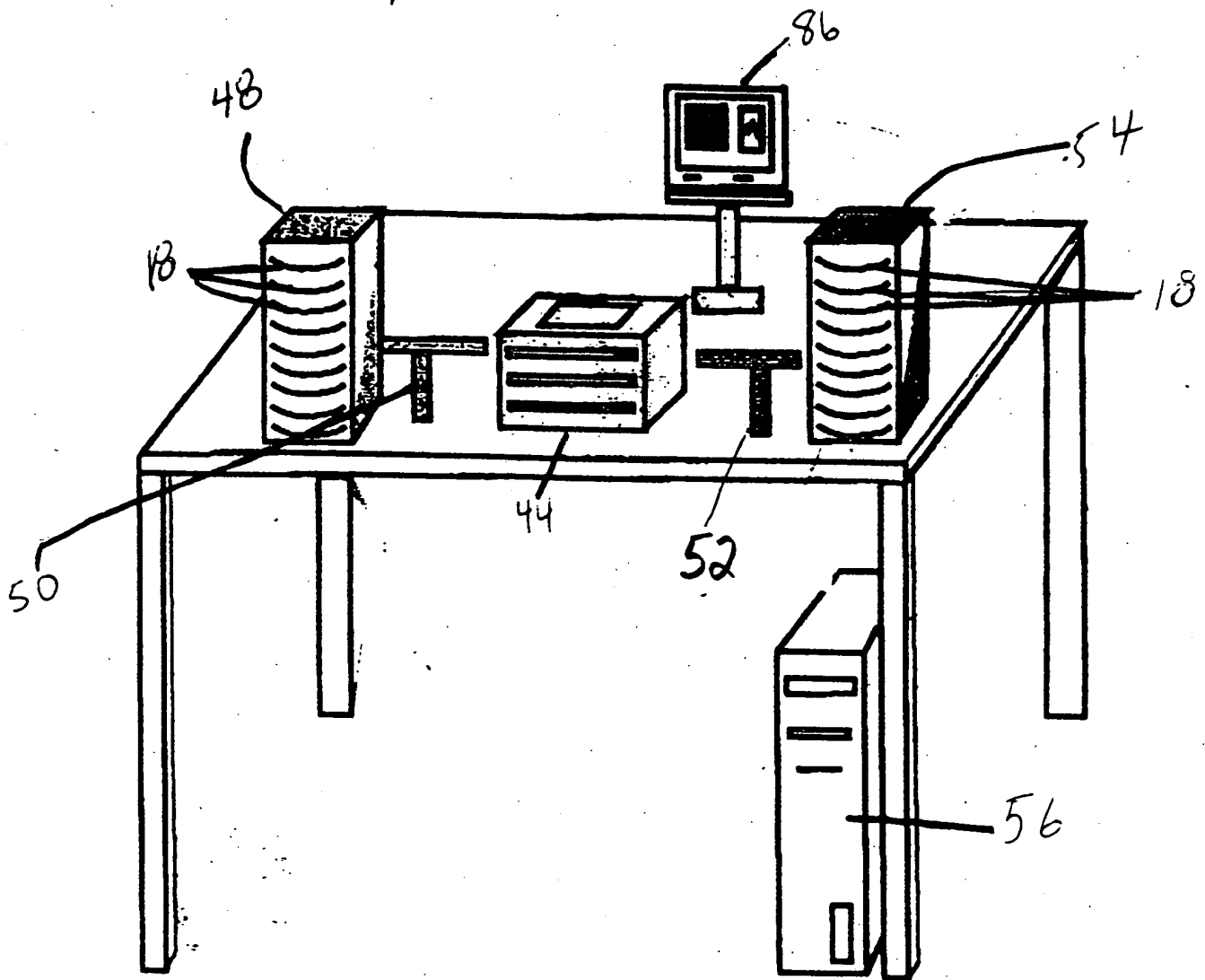


Figure 11



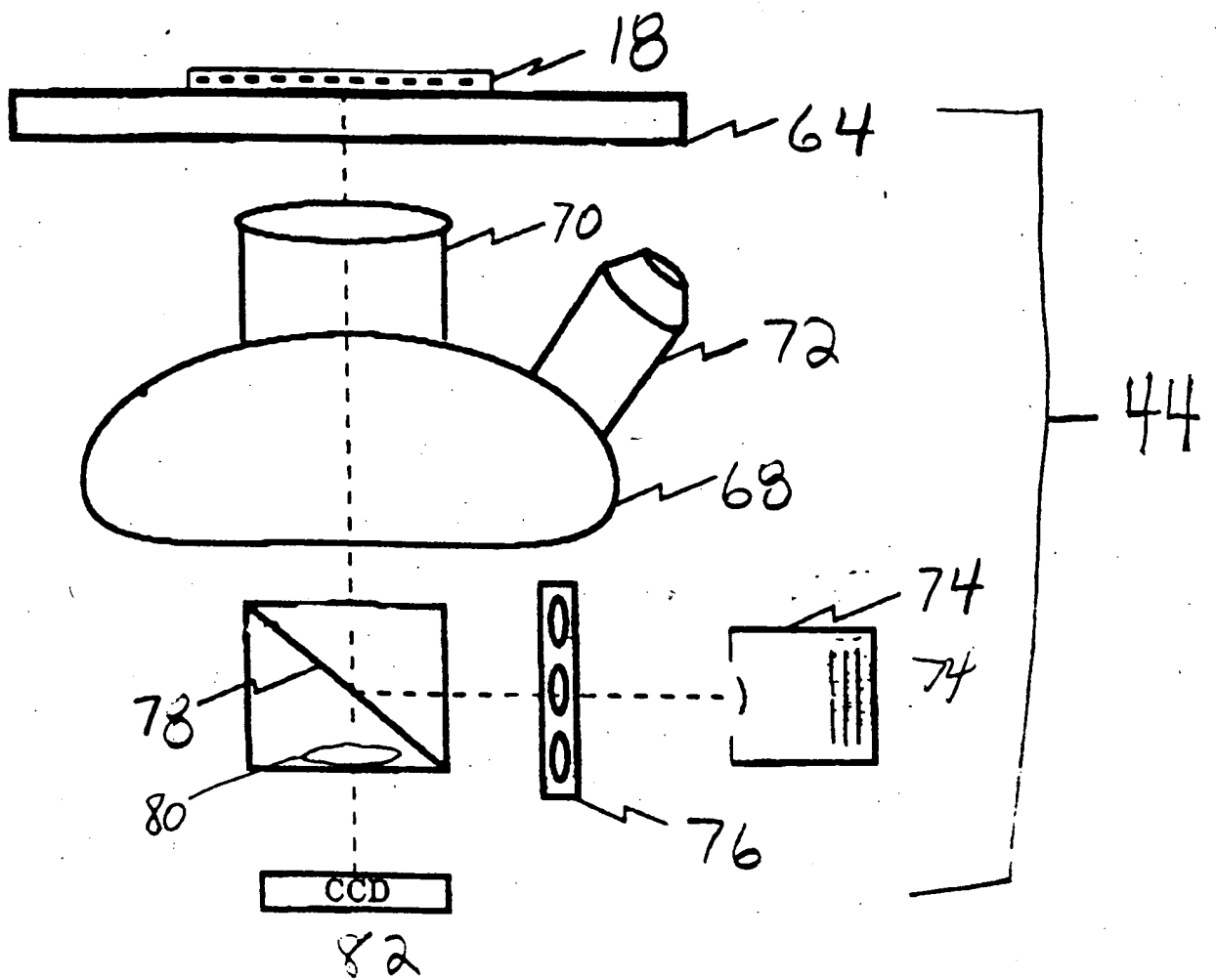
0546673 122199

Figure 12



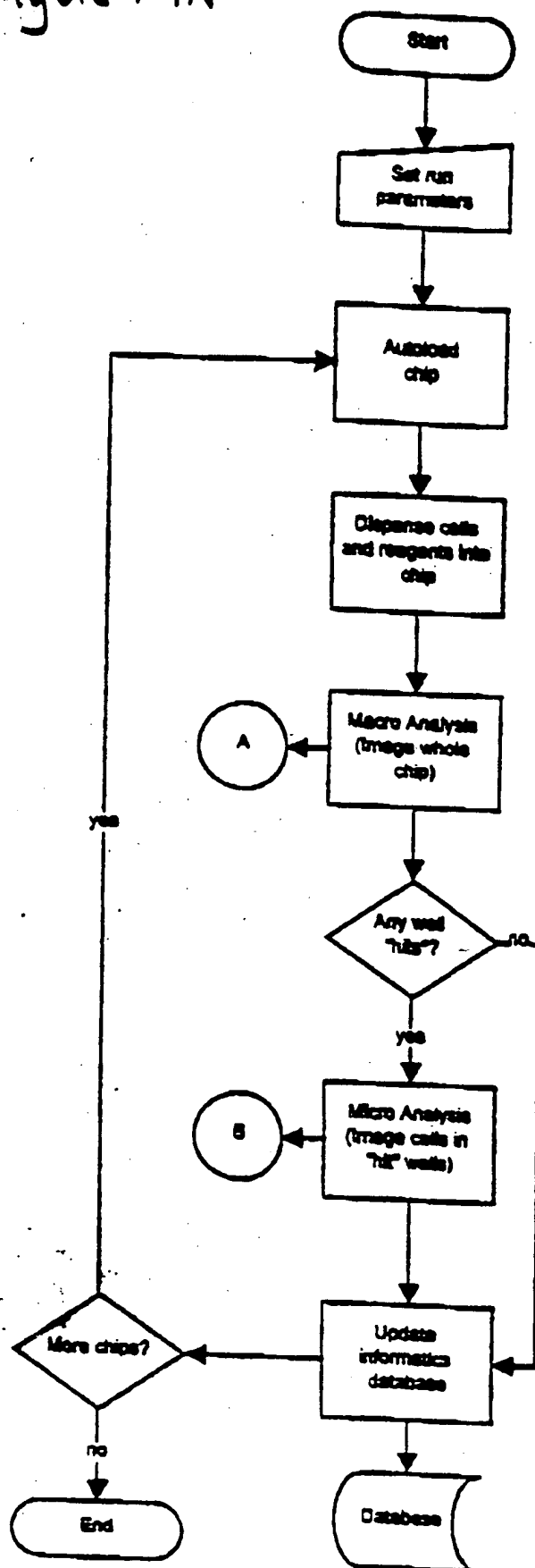
09468673 122199

Figure 13



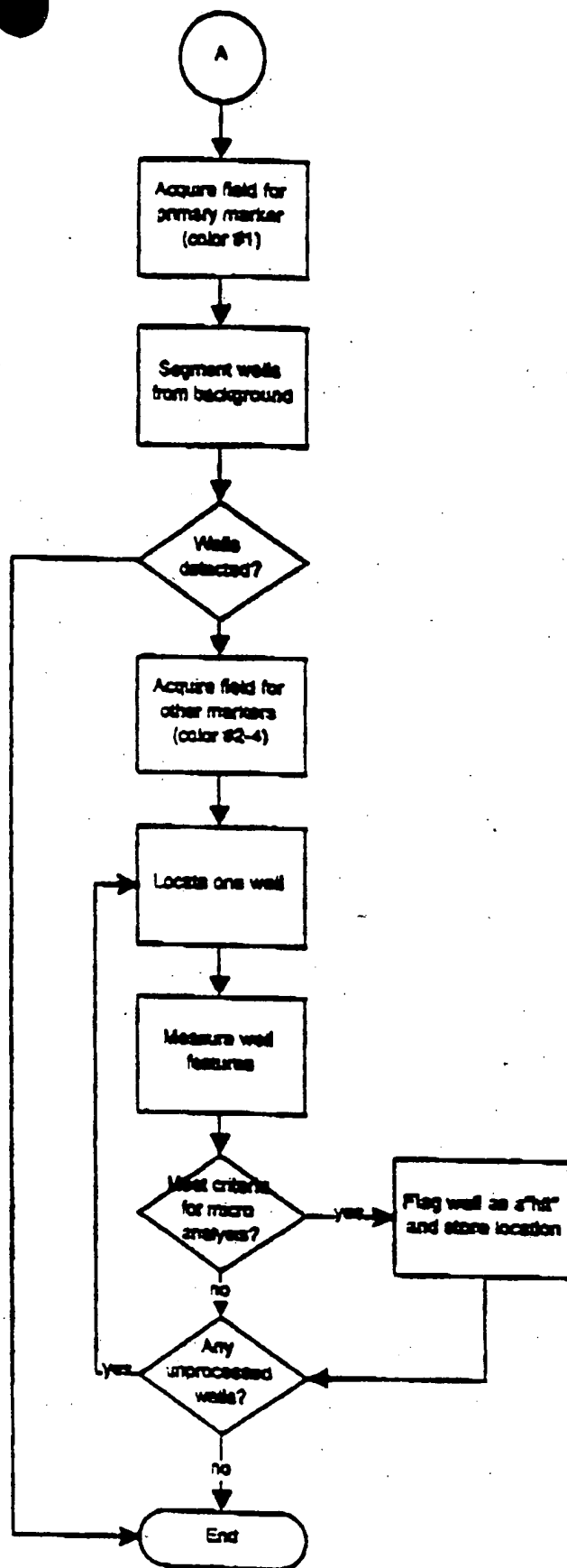
09468673.122199

Figure 14A



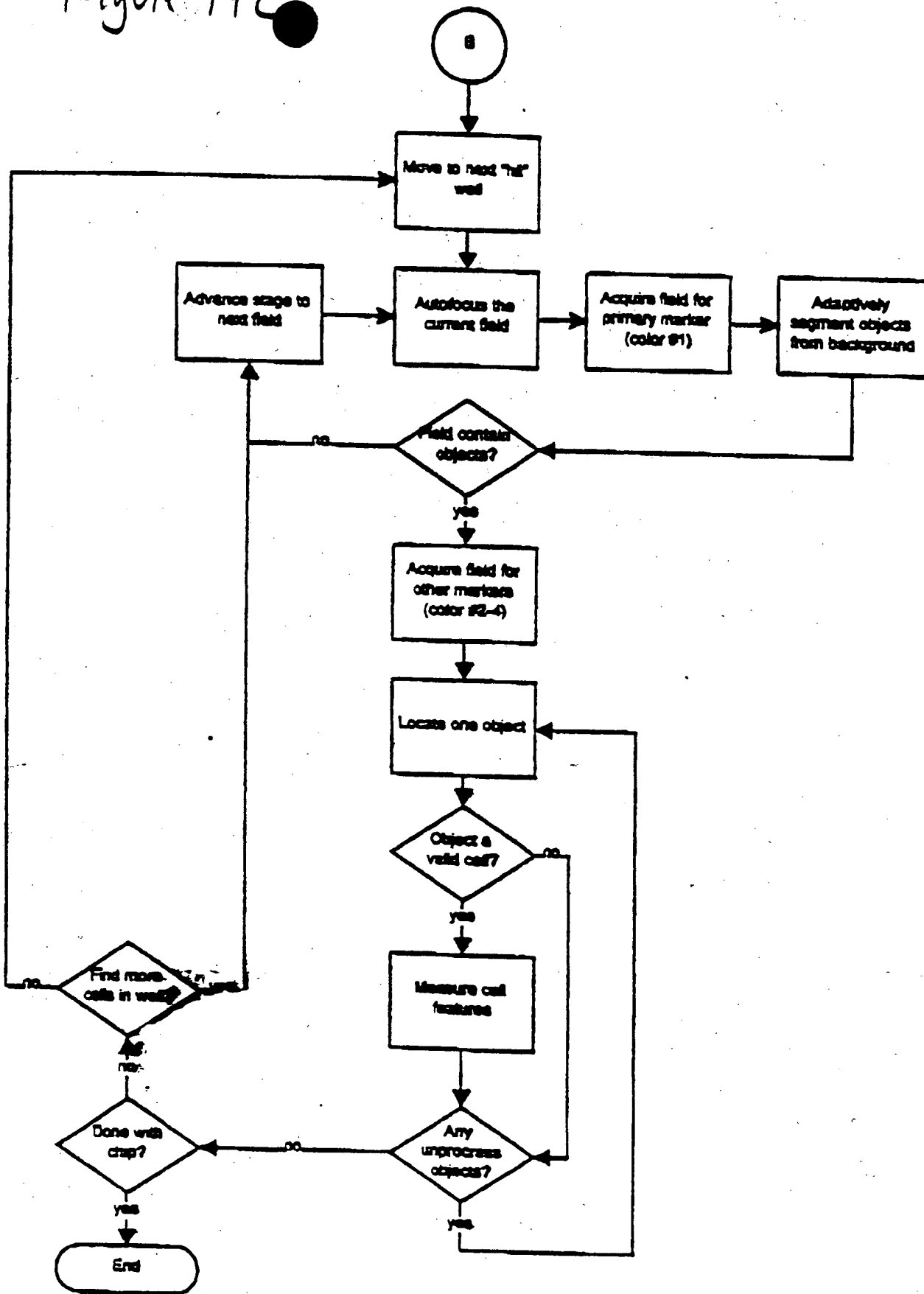
09466673.122159
651221 2/989460

Figure 14B



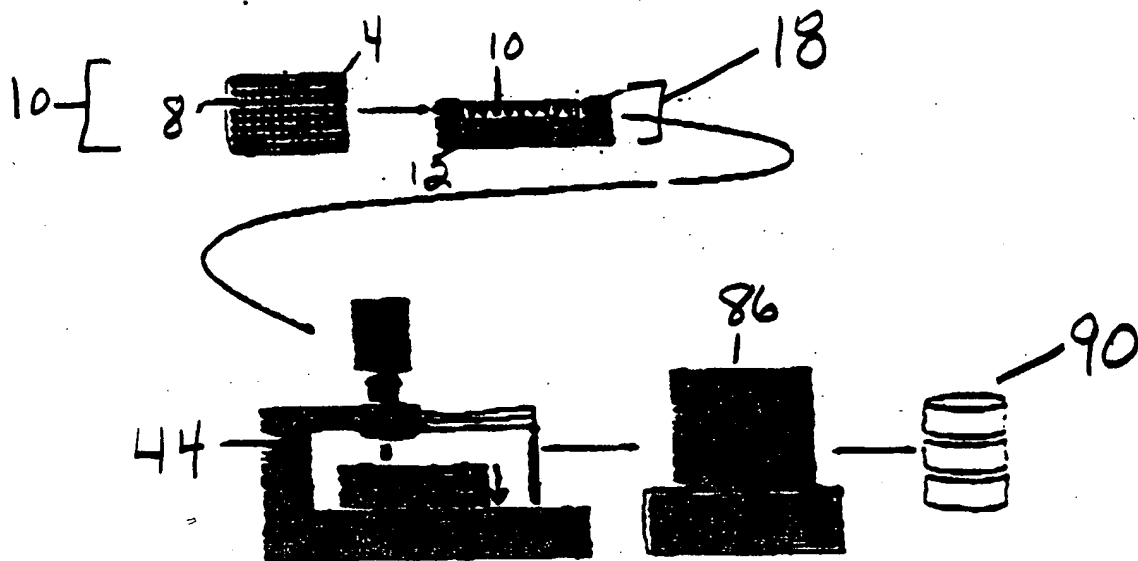
03466673.122499
6572247.999460

Figure 14C



09468673 122199

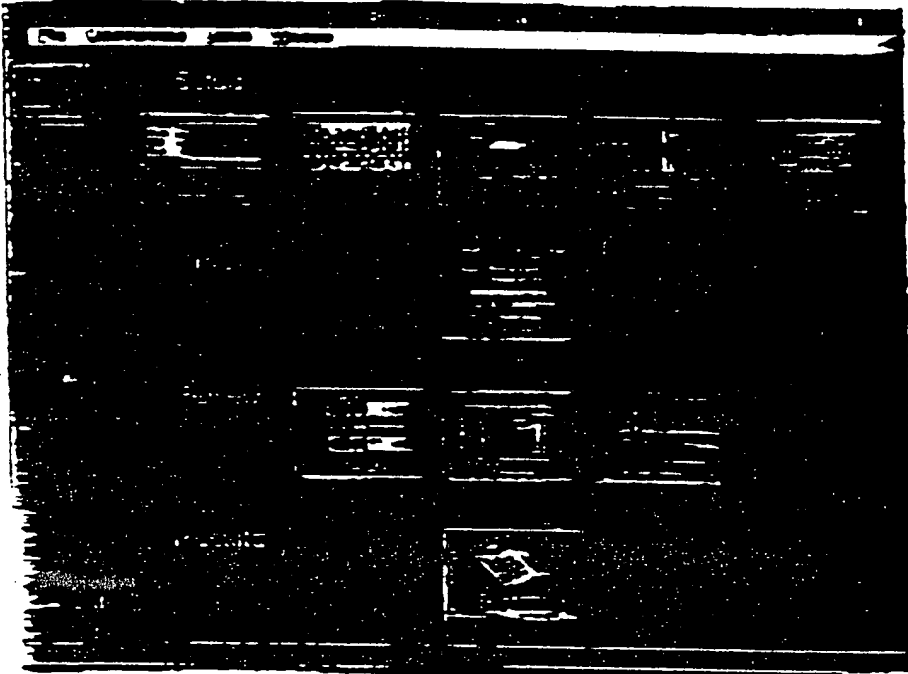
Figure 15



05463673 122199

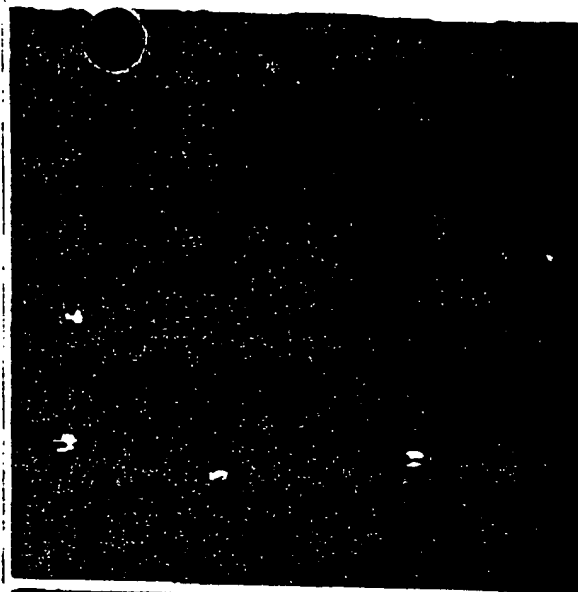
Figure 16

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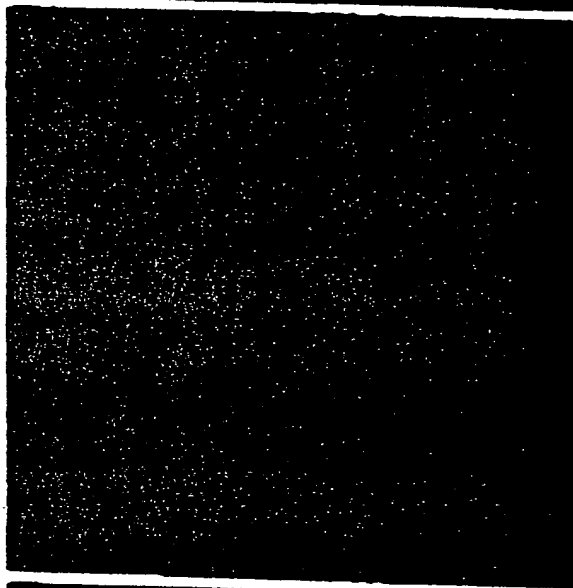
03468673 .122.199

Figure 17A



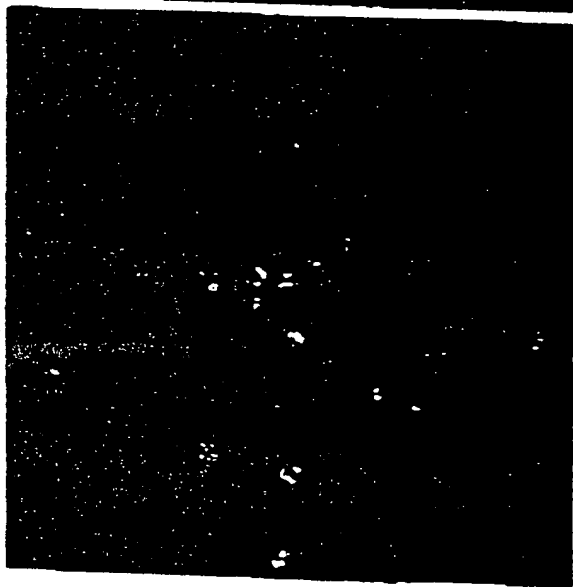
Control
No Coating

Figure 17B



IgM
Coated

Figure 17C



Whole Serum
Coated

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05460073-122194

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Figure 18A

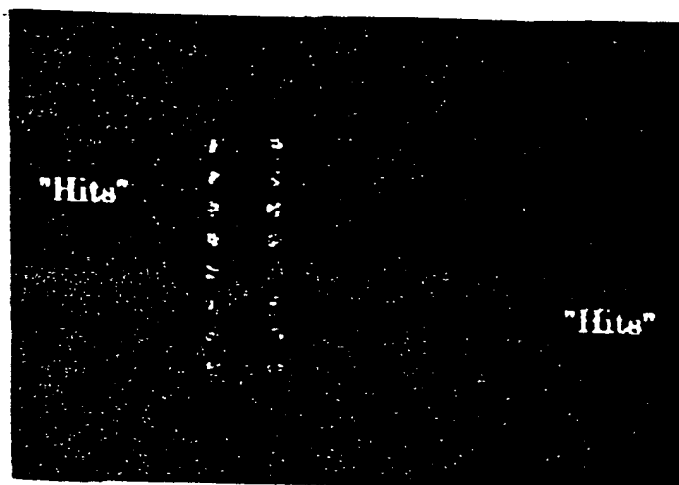


Figure 18B

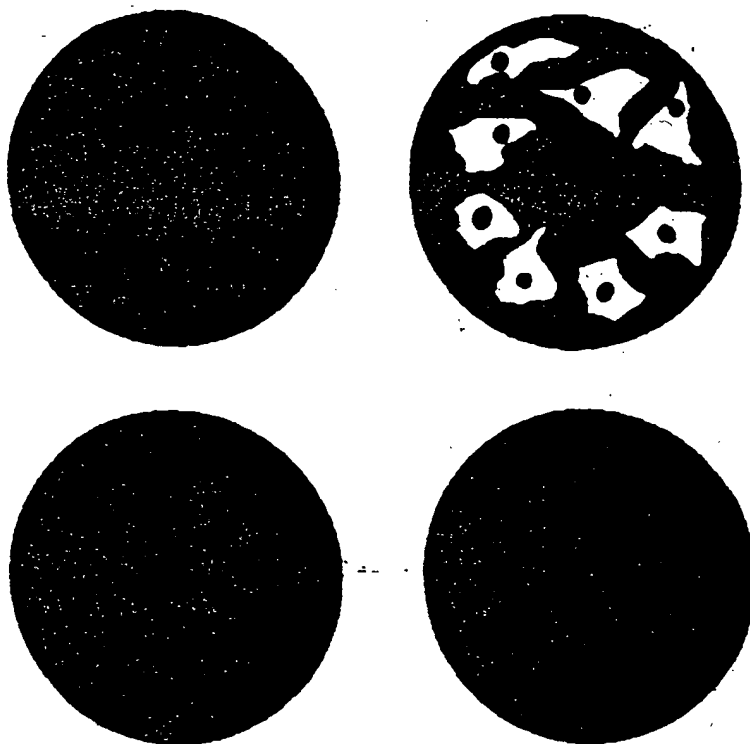
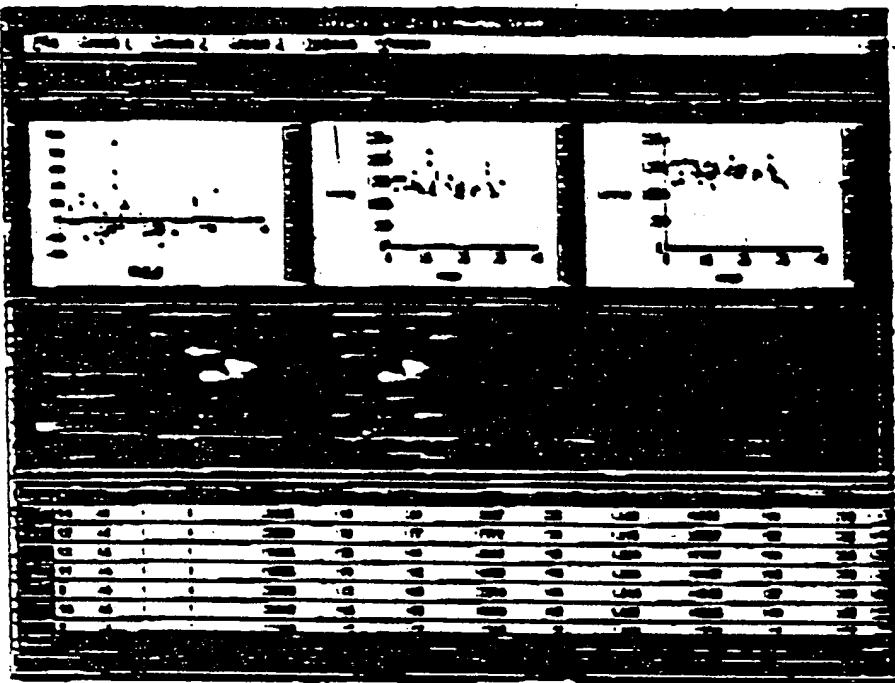


Figure 19

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